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FIGURE 1

00210747 121508

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FIGURE 2

00010747 131500

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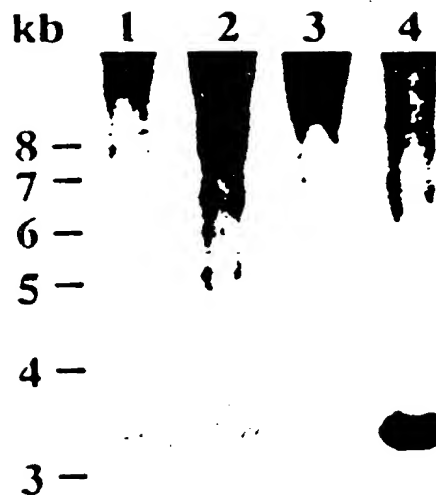


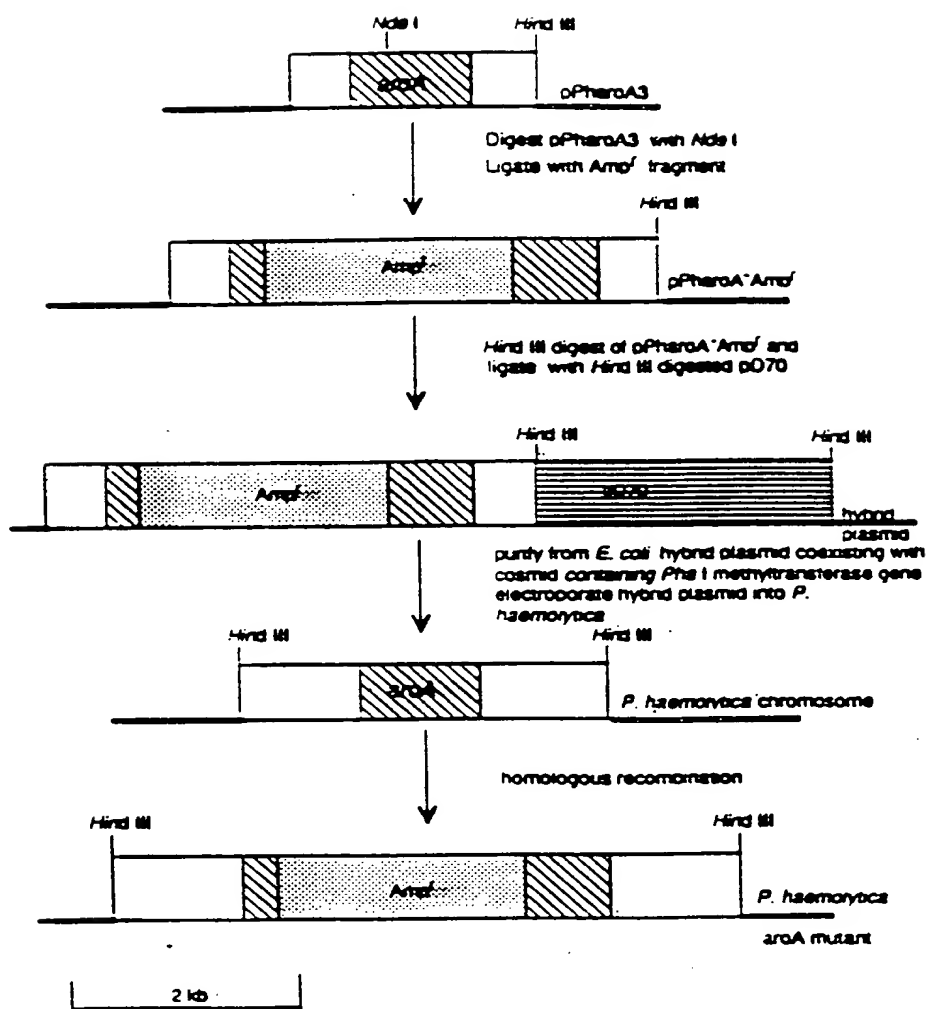
FIGURE 3

00210747 121500

30 90
TATGAGGCATTACTAAGGGGTCATTGTTGCGCTCGATAGCAAGTTATGCAAGCAATCAATTACGCATTAGTATGCGCTTTACCG
120 150 180
CAAGAAAACGAGAGATTTTCTACTGCGCTTATTGAAAGTGTAGCTTAACAAAGCGGTACCTTTTATGAAAATTTACAAATTTAAAGAGA
210 240 270
AAAATGGAAAACTAACTTTAACCCTGATTTCOCGAGTAGAAGGCGAGATCAATTTACCTGCTTAAAAGCTGTCTAAACGAGCGCTTA
M E K L T L T P I S R V E G E I N L P G S K S L S N R A L
300 330 360
TTATTAGCGCGCTTAGCCACCGGTACGACTCAAGTCAACAAATTTATTAGATAGTGCATGATATTCGACATATGCTCAATGCGCTTAAAGCG
L L A A L A T G T T Q V T N L L D S D D I R E N L E A L K A
390 420 450
TTAGCGGTGAAATATGAGCTATCGCAAGATAAAAACCGTCTGTGTACTTCGAAGCGATTGCTGCGCTTTTAAAGTTCAAAACCGCTTATCA
L G V K Y E L S D D K T V C V L E G I G G A F K V Q N G L S
480 510 540
CTGTTTCTCGCAATCGCAGGCAACCGCACTTCGACGAGCATTTGCTTTAAAGGCTGACCAAAAATCCCAATCAATCTTACCT
L F L G H A G T A M R P L A A A L C L K G E E K S Q I I L T
570 600 630
GGTCAACCAAGATGAAGAAGCGCGGATTAAACACTTACTCGATGCTTTACCGCAAGTACGCGGCGAGCTTACGATTTAGAAATGAA
G E P R M K E R P I K H L V D A L R Q V G A E V Q Y L E N E
660 690 720
GGCTATCCACCGTTGCAATTAGCAATAGCGTTTCCAGGGCGGAAAAGTCCAAATTCACCGCTCGATTTCCAGCCAAATTCIAACCGCA
G Y P P L A I S N S V C R G G K V Q I D G S I S S Q F L T A
750 780 810
TTGCTGATGCTGCGCCCAATTAGCGCAAGCGGATATGCAAAATGAGATTATCGGTGATCTGCTATCAAACTTATATGATATTACCGTT
L L M S A P L A E G D M E I E I I G D L V S K P Y I D I T L
840 870 900
TCGATGATCAACGATTTTCTGCTATTACCGTTCAAAATCGAGATTACAAACCTTTTACTTAAAGGTAAACAGCGTATGCTTCTCCACAA
S M M N D F G I T V E N R D Y K T F L V K G K Q G Y V A P Q
930 960 990
GGTAATTATTGCTGCGAGCGAGATGCGCTCTCTGCGCTCTATTCTTAGCGCTCGCGGTGCGATTAAGGCAAGTAAAGTAAACCGCGATCGGT
G N Y L V E G D A S S A S Y F L A S G A I K A G K V T G I G
1020 1050 1080
AAAAATCGATCCAAAGCGCAACCGCTGCTTTGCGGATGCTGTTGCAAAAAATCGGGGCAAAAATCACTTGGCGAGAGGATTTTATTCAGCC
K K S I Q G D R L F A D V L E K M G A K I T W G E D F I Q A
1110 1140 1170
GAGCAATCCCGCTAAAAGCGGTAGATATGATATCATATTCTGATCGCGCAATGACGATTGCAACAAACCGCTTATTTCGCGAA
E Q S P L K G V D M D M N H I P D A A M T I A T T A L F A E
1200 1230 1260
GGAGAAACAGTATCCCGCAATATTATTAATGCGCGGTAAAAGAAACCGCAACCGCTTGCACAGCAATGCGCAACCGAATTGCGTAAAGTGGG
G E T V I R N I Y N W R V K E T D R L T A M A T E L R K V G
1290 1320 1350
GCAGAGGTAGAAAGCGGAAGGGAAGGGAAGATTTTATTGCGATTCAACCGCTTGGCTAGAAAACCTCCAGCACCGCTGAATTTGAACCC
A E V E E G E E G E D F I R I Q P L A L E N F Q H A E I E T
1380 1410 1440
TATAAGCATCACCGTATGCAATGTGTTTTTCATTAAATGCGTTATCGAATACAGAAGTACCGATCTTAGATCCAAATTTGACCGCTAAA
Y N D E R M A M C F S L I A L S N T E V T I L D P N C T A K
1470 1500 1530
ACGTTCCCGACTTACTTTAGGGACTTGGAAAATTTATCGGTCAGATAAAAGTAAAAAGGATTTCAGAAAACCTGAATGCTTTTACGTTTT
T F P T Y F R D L E K L S V R *
ATTGTGCGAGACTAAGCCCAACCGCT

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FIGURE 4



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FIGURE 5

Figure 1 shows four panels (A, B, C, D) of Southern blot analysis. Each panel has three lanes labeled 1, 2, and 3. Panel A has molecular weight markers (kb) on the left: 8, 7, 6, 5, 4, 3. Panel B has markers: 8, 7, 6, 5, 4, 3. Panel C has markers: 8, 7, 6, 5, 4, 3. Panel D has markers: 8, 7, 6, 5, 4, 3. The bands represent DNA fragments of various sizes, with some bands being more prominent than others.

FIGURE 6